

2011-05-17 Tuesday Morning Notes

Tuesday, May 17, 2011
7:51 AM

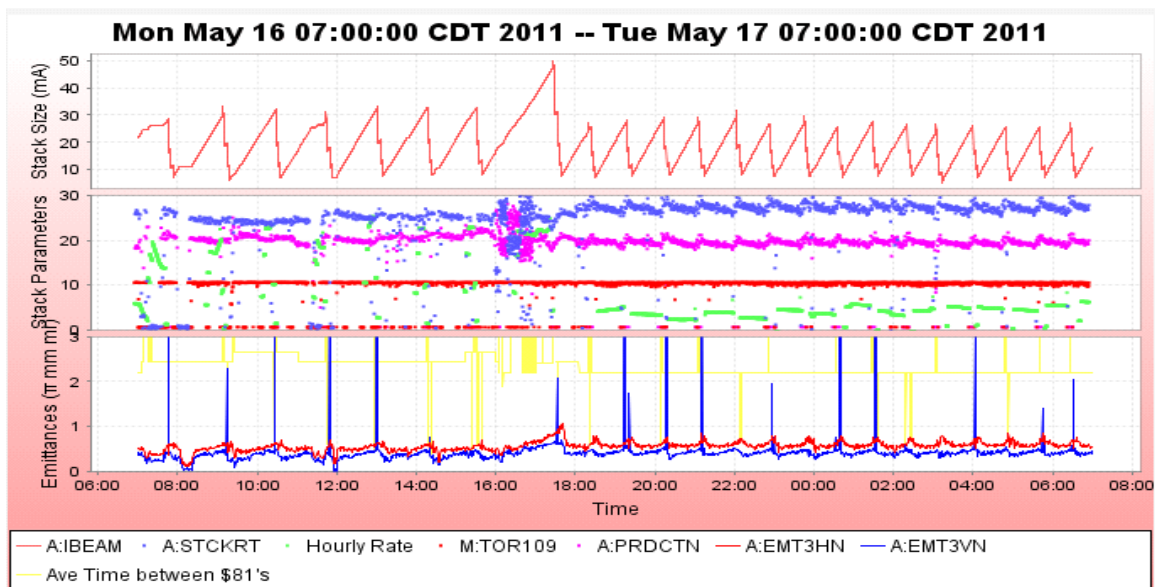
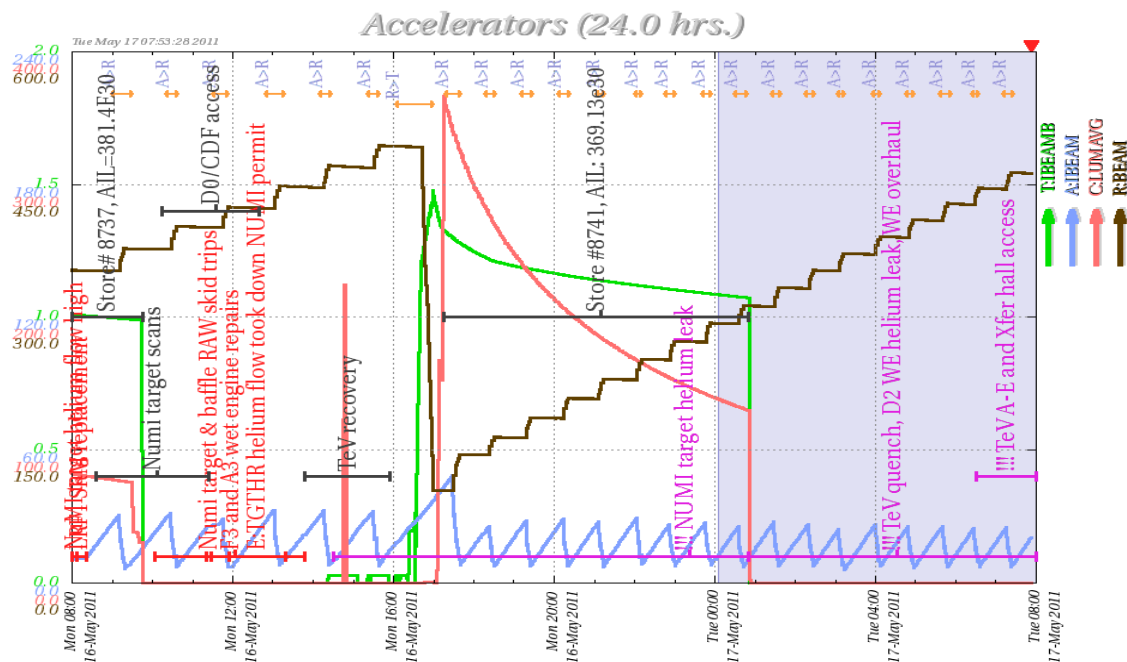
Stacking and Transfers

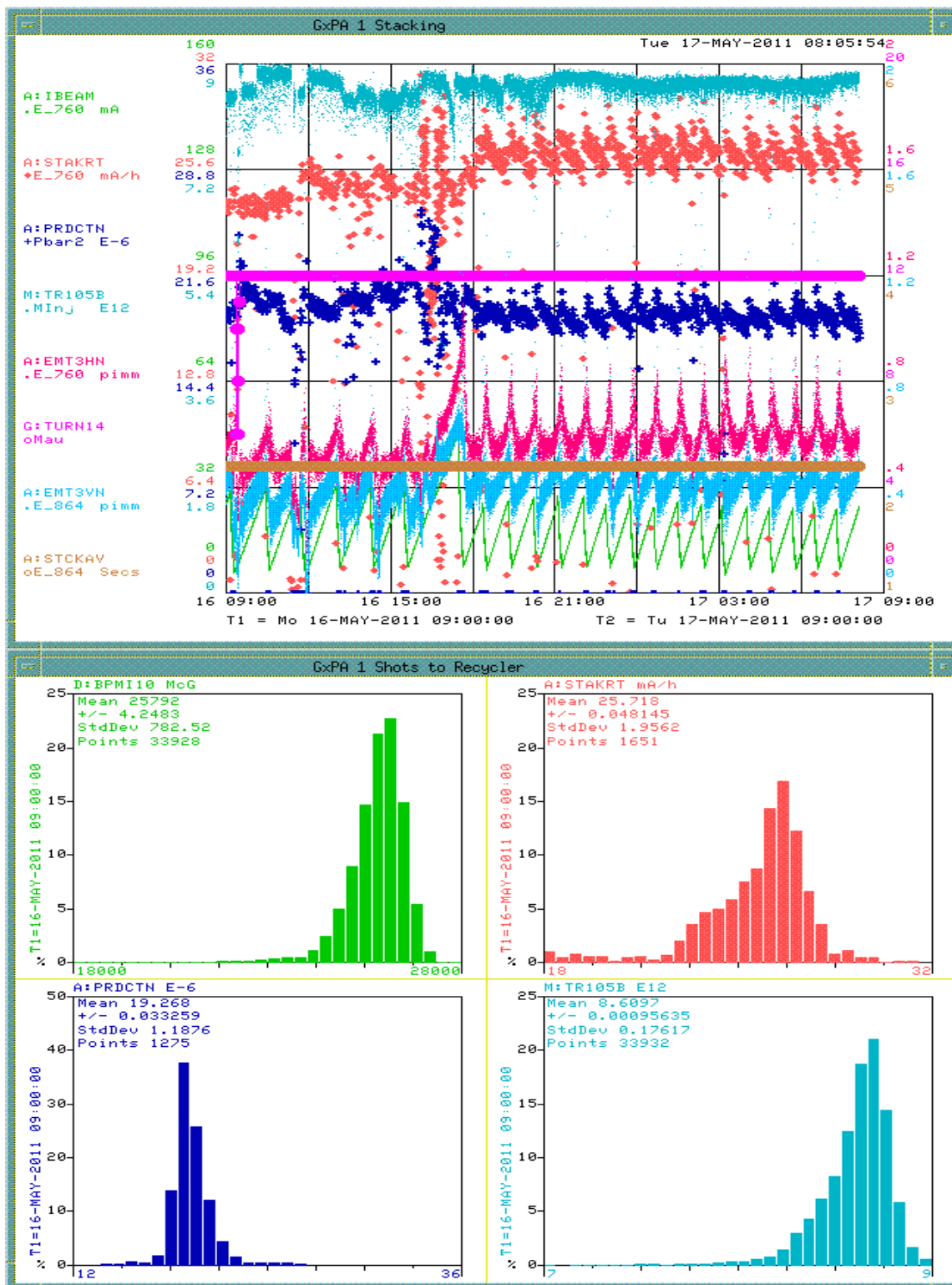
Operational Notes

Numbers

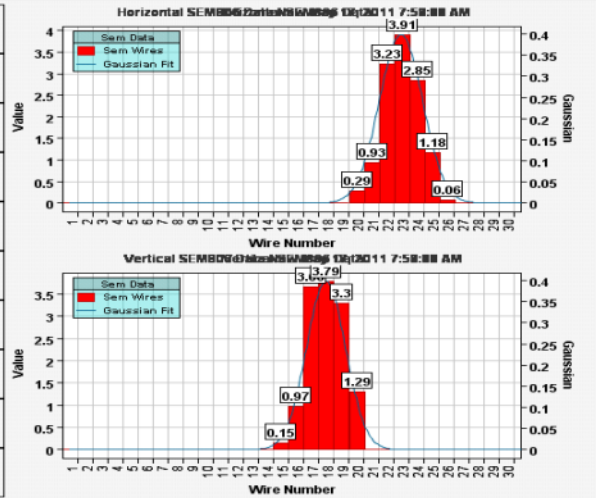
- Stacking
 - Pbars stacked: 579.29 E10
 - Time stacking: 23.76 Hr
 - Average stacking rate: 24.39 E10/Hr
- Uptime
 - Number of pulses while in stacking mode: 36571
 - Number of pulses with beam: 34830
 - Fraction of up pulses was: 95.24%
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 22.62 Hr
 - Possible average stacking rate: 25.61 E10/Hr
 - Could have stacked: 608.25 E10/Hr
- Recycler Transfers
 - Pbars sent to the Recycler: 558.82 E10
 - Number of transfers : 70
 - Number of transfer sets: 23
 - Average Number of transfer per set: 3.04
 - Time taken to shoot including reverse proton tuneup: 00.24 Hr
 - Transfer efficiency: 95.23%
- Other Info
 - Average POT : 8.59 E12
 - Average production: 19.35 pbars/E6 protons

Plots





Horizontal Area New	12.45	Intensity
Horizontal Area Calc	220.74	Intensity
Horizontal Sigma New	3.57	mm
Horizontal Sigma Calc	3.37	mm
Horizontal Mean	23.87	mm
Vertical Area New	13.15	Intensity
Vertical Area Calc	227.52	Intensity
Vertical Sigma New	3.45	mm
Vertical Sigma Calc	3.24	mm
Vertical Mean	8.96	mm



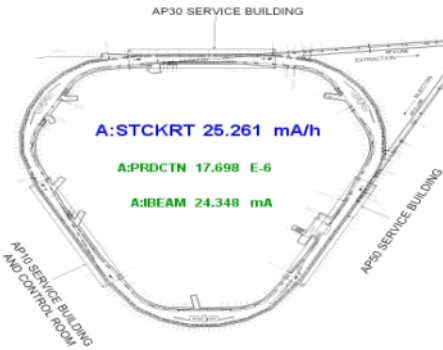
Pbar Source Accumulator, Debuncher, AP1, AP2, & AP3 Beamline Views

A:IBMINJ 16.322 e07 A:FRWDTH 19.131 Hz A:EMT3HN 0.568 pimm
A:LFTOVR 2.503 % A:CENFRQ 628896. Hz A:EMT3VN 0.449 pimm
A:STMEDS 10.394 MeV A:R2DDS1 628897. Hz A:XFRNXT 75.0 mA
A:R1HLFB 28.25 kV

Program Running: Yes

V:APSMOD: Stacking

MI EFF 0.0
M:TR105B 8.801 E12
G:TURN14 12.0 Turns
L:14SUM3 0.0 E12



Pbar Beamlines BPM House Status

P1
P2
AP1
AP2 F27
AP2 AP50
0x80 Event Detected
A:STCKAV 2.2 Secs

Overthruster Status

